

**Using the index:** Most of the feature material has been indexed at least three ways – once by the title, again under the author's last name, and finally by subject, usually falling under at least one of the MR subject categories.

An asterisk (\*) preceding an entry indicates a feature by its title.

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 Railroads faced the future... and said  
 farewell to the past (1966), Mar p92  
 Zane, Howard  
 Steam spectacular, Feb p56



